

UNITED STATES OF AMERICA
FEDERAL ENERGY REGULATORY COMMISSION

Demand Response in Wholesale Markets

Docket No. AD07-11-000

SUPPLEMENTAL NOTICE

(April 6, 2007)

As announced in the Notice of Technical Conference on Demand Response in Wholesale Markets issued on February 16, 2007,¹ the Federal Energy Regulatory Commission will hold a technical conference on Monday, April 23, 2007 on integrating demand response in wholesale markets, including items previously set for conference in a Commission order.² The technical conference will be held in the Commission Meeting Room at the Federal Energy Regulatory Commission, 888 First Street, N.E., Washington, DC 20426, from 9:00 a.m. to 5:00 p.m. Eastern time. The conference will be open for the public to attend and advance registration is not required. Commissioners may attend the conference.

The agenda for this conference is attached, and contains questions the panelists will be asked to address. If any changes occur, the revised agenda will be posted on the calendar page for this event on the Commission's web site, www.ferc.gov, prior to the event. The discussions at this conference might address matters pending in the following proceedings: *PJM Interconnection, L.L.C.*, Docket Nos. ER06-1474; ER07-508; ER05-1410; EL05-148; *Cal. Indep. Sys. Operator Corp.*, Docket No. ER06-615; *ISO New England Inc.*, Docket Nos. ER07-546, ER07-547; *Midwest Indep. Sys. Operator*, Docket Nos. ER06-1099-000; ER06-1099-001; ER06-1099-002; and ER07-550.

Transcripts of the conference will be immediately available from Ace Reporting Company (202-347-3700 or 1-800-336-6646) for a fee. They will be available for the public on the Commission's eLibrary system seven calendar days after FERC receives the transcript.

A free webcast of this event will be available through www.ferc.gov. Anyone with Internet access who desires to view this event can do so by navigating to www.ferc.gov's Calendar of Events and locating this event in the Calendar. The event will contain a link to its webcast. The Capitol Connection provides technical support for

¹ 72 Fed. Reg. 8378 (Feb. 26, 2007).

² *PJM Interconnection, L.L.C.*, 117 FERC ¶ 61,218, at P 45 (2006).

the webcasts. It also offers access to this event via television in the Washington, D.C. area and via phone bridge for a fee. Visit www.CapitolConnection.org or contact Danelle Perkowski or David Reininger at the Capitol Connection 703-993-3100 for information about this service.

Commission conferences are accessible under section 508 of the Rehabilitation Act of 1973. For accessibility accommodations please send an e-mail to accessibility@ferc.gov or call toll free 866-208-3372 (voice) or 202-208-1659 (TTY), or send a FAX to 202-208-2106 with the required accommodations.

For further information on the technical conference, please contact:

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Philis J. Posey
Acting Secretary

**Demand Response in Wholesale Market
AD07-11
April 23, 2007**

Agenda

9:00 Welcoming Remarks by Chairman and Commissioners

9:20 Demand Response in Grid Operation and Markets – Part 1

- Questions for panelists:
 - What was the experience with demand response during 2006, particularly during the summer heat events?
 - Can demand response replace operating reserves, and, if not, what are the obstacles?
 - What is the amount of potential demand response available during system emergencies in your regions? How do you know what is a potential demand response? How much of this capability was utilized in 2006?
 - Several years of experience with ISO demand response programs are now available. Based on this experience, what is your evaluation of these programs?
 - What is the status of efforts to coordinate wholesale ISO demand response programs or market designs with retail demand response?
 - What new efforts, market designs or programs are underway within your regions to further integrate demand response?
 - What needs to be done in the future to fully integrate demand response?
- Panelists
 - Andrew Ott, PJM
 - Henry Yoshimura, ISO New England
 - Glen Perez, California Independent System Operator
 - Mark Lynch, New York Independent System Operator
 - Michael Robinson, Midwest Independent Transmission System Operator

10:50 Break

11:00 Demand Response in Grid Operation and Markets – Part 2

- Questions for panelists:
 - What has been your experience with ISO/RTO demand response programs?
 - What is your assessment of the ISO/RTO programs that allow customers to bid their load reductions directly into day-ahead or retail markets?
 - What can be done to further integrate demand resources into wholesale

markets?

- What is the status of the coordination of retail demand response programs and rates into wholesale market designs, and what are the obstacles?
- How can new technologies and approaches be used to increase the level of demand response and price responsiveness in markets?

- Panelists

- The Honorable Daniel Ebert, Chairman Public Service Commission of Wisconsin
- Dennis Derricks, Wisconsin Public Service Corporation
- Dr. Bernie Neenan, UtiliPoint International
- Walter Brockway, Alcoa
- Phil Giudice, EnerNOC
- John McGowan, Gridwise Architecture Council Representative
- Robert Pratt, Pacific Northwest National Laboratory
- Dan Sharplin, Site Controls

12:30 Lunch

1:45 Measurement and Evaluation of Demand Response Resources

- Questions for panelists:

- What are the current best practices to measure, verify, evaluate and forecast demand resources?
- What is the latest research and opinion on the firmness, sustainability and reliability of demand resources; measurement and verification (M&V) protocols; customer load forecasts; customer baseline estimation; and the potential for free-ridership?
- Are the approaches and principles that have been used historically to measure and verify savings from energy efficiency applicable to wholesale demand response resources? If they are not, what changes are needed to make them applicable?
- If demand resources are providing capacity resources or serving as an alternative or complement to transmission expansion, what are the key factors that need to be measured and verified, and at what level of precision? Can the current form and precision of measurement and verification approaches be utilized or are new approaches needed?
- Should there be uniformity on how demand resources are measured and verified across markets?

- Panelists

- Jeff Schlegel, Consultant
- David Nevius, North American Electric Reliability Council

- Diane Munns, Edison Electric Institute, representing the National Energy Efficiency Action Plan
- Rae McQuade, North American Energy Standards Board
- Mimi Goldberg, KEMA-Xenergy
- Glen Perez, California Independent System Operator
- Julie Michals, Northeast Energy Efficiency Partnerships

3:15 Break

3:25 Demand Resources as an Alternative or Complement to Transmission Expansion

- Questions for panelists:
 - Do current transmission planning processes integrate demand resources as an alternative or complement to transmission system upgrades? If so, how and is this approach sufficient? Are other forms of demand reduction, such as load shedding, incorporated into current transmission planning processes? If so, how?
 - What would be the key elements of a planning process that integrates demand resources as an alternative or complement to transmission facilities additions? What should be the means to determine the costs and benefits of a demand resource alternative or complement to transmission upgrades?
 - What are the current advantages, challenges and obstacles to implementation of demand resources as an alternative or complement to transmission facilities additions?
 - What market design or ratemaking initiatives can be taken to encourage the deployment of demand resources, and enabling technologies, in operating and planning the transmission system?
 - How should customers that provide a demand resource alternative/complement to transmission expansion be compensated?
- Panelists
 - The Honorable Dian M. Grueneich, Commissioner, California Public Utilities Commission
 - Steven Whitley, ISO New England
 - Bill Whitehead, PJM
 - Sandra Levine, Conservation Law Foundation
 - Eric Woychik, Strategy Integration L.L.C. on behalf of Comverge, Inc.

4:55 Concluding Remarks